

SYSTEM FOR CONTROLLING NO_x EMISSIONS DURING RESTARTS OF HYBRID AND CONVENTIONAL VEHICLES

Abstract

A system for controlling exhaust emission oxides of nitrogen (NO_x) during restarts of an internal combustion engine (ICE). The system includes a first sensor for determining a first level of exhaust gas oxygen at a location upstream of a catalytic converter, a second sensor for determining a second level of exhaust gas oxygen at a location mid-bed of the catalytic, and a controller for performing at least one process to reduce NO_x emissions when a difference between the first level of exhaust gas oxygen and the second level of exhaust gas oxygen exceeds a predetermined amount.